haps the phenomena of radiation and electricity may yet be explained by vibration in a fourth dimension. We are justified by experience in saying that the space relations which we gather from observation around us are valid for the greatest distances which separate us from the most distant

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)SO r. he ers el--00 ıld lar atin LX. ric ns ch ur it ıbise of riis ain ke es. rereat, is (eccal its not eethe ual the no eserstars. We have no right to extend the conclusion further than this. We must leave it to our posterity to determine whether, in either way, the hypothesis of hyper-space can be used as an explanation of observed phenomena.

S. NEWCOMB.